

**Report of  
Endangered, Threatened, and Special Concern  
Plants, Animals, and Natural Communities  
for Christian County, Kentucky**

**Kentucky State Nature Preserves  
Commission  
801 Schenkel Lane  
Frankfort, KY 40601  
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**[www.naturepreserves.ky.gov](http://www.naturepreserves.ky.gov)**

# Kentucky State Nature Preserves Commission

## Key for County List Report

Within a county, elements are arranged first by taxonomic complexity (plants first, natural communities last), and second by scientific name. A key to status, ranks, and count data fields follows.

### STATUS

KSNPC: Kentucky State Nature Preserves Commission status:

N or blank = none    E = endangered    T = threatened    S = special concern    H = historic    X = extirpated

USESA: U.S. Fish and Wildlife Service status:

blank = none    C = candidate    LT = listed as threatened    LE = listed as endangered

SOMC = Species of Management Concern

### RANKS

GRANK: Estimate of element abundance on a global scale:

G1 = Critically imperiled

GU = Unrankable

G2 = Imperiled

G#? = Inexact rank (e.g. G2?)

G3 = Vulnerable

G#Q = Questionable taxonomy

G4 = Apparently secure

G#T# = Intraspecific taxa (Subspecies and variety abundances are coded with a 'T' suffix; the 'G' portion of the rank then refers to the entire species)

G5 = Secure

GH = Historic, possibly extinct

GNR = Unranked

GX = Presumed extinct

GNA = Not applicable

SRANK: Estimate of element abundance in Kentucky:

S1 = Critically imperiled

SU = Unrankable

Migratory species may have separate ranks for different population segments (e.g. S1B, S2N, S4M):

S2 = Imperiled

S#? = Inexact rank (e.g. G2?)

S3 = Vulnerable

S#Q = Questionable taxonomy

S#B = Rank of breeding population

S4 = Apparently secure

S#T# = Intraspecific taxa

S#N = Rank of non-breeding population

S5 = Secure

SNR = Unranked

S#M = Rank of transient population

SH = Historic, possibly extirpated

SNA = Not applicable

SX = Presumed extirpated

### COUNT DATA FIELDS

# OF OCCURRENCES: Number of occurrences of a particular element from a county. Column headings are as follows:

E - currently reported from the county

H - reported from the county but not seen for at least 20 years

F - reported from county & cannot be relocated but for which further inventory is needed

X - known to have extirpated from the county

U - reported from a county but cannot be mapped to a quadrangle or exact location.

The data from which the county report is generated is continually updated. The date on which the report was created is in the report footer. Contact KSNPC for a current copy of the report.

Please note that the quantity and quality of data collected by the Kentucky Natural Heritage Program are dependent on the research and observations of many individuals and organizations. In most cases, this information is not the result of comprehensive or site-specific field surveys; many natural areas in Kentucky have never been thoroughly surveyed, and new species of plants and animals are still being discovered. For these reasons, the Kentucky Natural Heritage Program cannot provide a definitive statement on the presence, absence, or condition of biological elements in any part of Kentucky. Heritage reports summarize the existing information known to the Kentucky Natural Heritage Program at the time of the request regarding the biological elements or locations in question. They should never be regarded as final statements on the elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments.

KSNPC appreciates the submission of any endangered species data for Kentucky from field observations. For information on data reporting or other data services provided by KSNPC, please contact the Data Manager at:

Kentucky State Nature Preserves Commission  
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(502) 573-2886 (phone)  
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internet: [www.naturepreserves.ky.gov](http://www.naturepreserves.ky.gov)

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County	Taxonomic Group	Scientific name	Common name	Statuses	Ranks	# of Occurrences				
						E	H	F	X	U
Christian	Vascular Plants	<i>Agalinis auriculata</i>	Earleaf False Foxglove	E /	G3 / S1	1	0	0	0	0
Christian	Vascular Plants	<i>Baptisia australis</i> var. <i>minor</i>	Blue Wild Indigo	S /	G5T5 / S2S3	0	1	0	0	0
Christian	Vascular Plants	<i>Carex alata</i>	Broadwing Sedge	T /	G5 / S1S2	1	0	0	0	0
Christian	Vascular Plants	<i>Carex stipata</i> var. <i>maxima</i>	Stalkgrain Sedge	H /	G5T5? / SH	0	1	0	0	0
Christian	Vascular Plants	<i>Delphinium carolinianum</i>	Carolina Larkspur	T /	G5 / S1S2	1	0	0	0	0
Christian	Vascular Plants	<i>Draba cuneifolia</i>	Wedge-leaf Whitlow-grass	E /	G5 / S1	0	1	0	0	0
Christian	Vascular Plants	<i>Echinodorus parvulus</i>	Dwarf Burhead	E / SOMC	G3Q / S1	1	0	0	0	0
Christian	Vascular Plants	<i>Heteranthera limosa</i>	Blue Mud-plantain	S /	G5 / S2S3	1	0	0	0	0
Christian	Vascular Plants	<i>Hieracium longipilum</i>	Hairy Hawkweed	T /	G4G5 / S2	0	1	0	0	0
Christian	Vascular Plants	<i>Lespedeza capitata</i>	Round-head Bush-clover	S /	G5 / S3	1	0	0	0	0
Christian	Vascular Plants	<i>Lespedeza stuevei</i>	Tall Bush-clover	S /	G4? / S3?	0	1	0	0	0
Christian	Vascular Plants	<i>Malvastrum hispidum</i>	Hispid Falsesallow	T /	G3G5 / S2?	0	0	1	0	0
Christian	Vascular Plants	<i>Muhlenbergia glabrifloris</i>	Hair Grass	S /	G4? / S2S3	1	0	0	0	0
Christian	Vascular Plants	<i>Oenothera linifolia</i>	Thread-leaf Sundrops	E /	G5 / S1S2	2	1	0	0	0
Christian	Vascular Plants	<i>Onosmodium hispidissimum</i>	Hairy False Gromwell	E /	G4G5T4 / S1	0	1	0	0	0
Christian	Vascular Plants	<i>Phacelia ranunculacea</i>	Blue Scorpion-weed	S /	G4 / S3	2	0	0	0	0
Christian	Vascular Plants	<i>Rhynchosia tomentosa</i>	Hairy Snoutbean	E /	G5 / S1S2	0	1	0	0	0
Christian	Vascular Plants	<i>Rudbeckia subtomentosa</i>	Sweet Coneflower	E /	G5 / S1	2	1	0	0	0
Christian	Vascular Plants	<i>Schoenoplectus hallii</i>	Hall's Bulrush	E / SOMC	G2G3 / S1	2	0	0	0	0
Christian	Vascular Plants	<i>Silene regia</i>	Royal Catchfly	E /	G3 / S1	0	1	0	0	0
Christian	Vascular Plants	<i>Silphium laciniatum</i>	Compassplant	T /	G5 / S2	2	0	0	0	0
Christian	Vascular Plants	<i>Trillium pusillum</i>	Least Trillium	E / SOMC	G3 / S1	1	0	0	0	0
Christian	Vascular Plants	<i>Zizaniopsis miliacea</i>	Southern Wild Rice	T /	G5 / S1S2	2	0	0	0	0
Christian	Freshwater Mussels	<i>Cyprogenia stegaria</i>	Fanshell	E / LE	G1Q / S1	0	0	0	1	0
Christian	Freshwater Mussels	<i>Lampsilis ovata</i>	Pocketbook	E /	G5 / S1	0	0	0	1	0
Christian	Freshwater Mussels	<i>Obovaria retusa</i>	Ring Pink	E / LE	G1 / S1	0	0	0	1	0
Christian	Freshwater Mussels	<i>Pegias fabula</i>	Littlewing Pearlymussel	E / LE	G1 / S1	0	0	0	1	0
Christian	Freshwater Mussels	<i>Ptychobranchus subtentum</i>	Fluted Kidneyshell	E / C	G2 / S1	0	0	0	1	0
Christian	Freshwater Mussels	<i>Villosa lienosa</i>	Little Spectaclecase	S /	G5 / S3S4	1	0	1	0	0
Christian	Freshwater Mussels	<i>Villosa vanuxemensis vanuxemensis</i>	Mountain creekshell	T /	G4T4 / S2	4	0	4	0	0

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Christian	Crustaceans	<i>Cambarus friaufi</i>	Hairy Crayfish	S /	G4 / S3S4	1	0	0	0	0
Christian	Crustaceans	<i>Orconectes pellucidus</i>	Mammoth Cave Crayfish	S / SOMC	G4 / S3	0	1	0	0	0
Christian	Insects	<i>Calephelis muticum</i>	Swamp Metalmark	E /	G3 / S1	0	0	1	0	0
Christian	Insects	<i>Papaipema eryngii</i>	Rattlesnake-master Borer Moth	E /	G1G2 / S1	0	0	1	0	0
Christian	Insects	<i>Satyrrium favonius ontario</i>	Northern Hairstreak	S /	G4T4 / S2	1	0	0	0	0
Christian	Fishes	<i>Etheostoma microlepidum</i>	Smallscale Darter	E / SOMC	G2G3 / S1	2	0	0	0	0
Christian	Fishes	<i>Etheostoma tecumsehi</i>	Shawnee Darter	S / SOMC	G1 / S2S3	9	2	0	0	0
Christian	Fishes	<i>Lepomis miniatus</i>	Redspotted Sunfish	T /	G5 / S2	2	0	0	0	0
Christian	Fishes	<i>Typhlichthys subterraneus</i>	Southern Cavefish	S / SOMC	G3G4 / S2S3	0	1	0	0	0
Christian	Amphibians	<i>Cryptobranchus alleganiensis alleganiensis</i>	Eastern Hellbender	S / SOMC	G3G4T3T4 / S3	1	0	0	0	0
Christian	Amphibians	<i>Hyla avivoca</i>	Bird-voiced Treefrog	S /	G5 / S3	1	0	0	0	0
Christian	Amphibians	<i>Hyla gratiosa</i>	Barking Treefrog	S /	G5 / S3	10	0	0	0	0
Christian	Reptiles	<i>Nerodia erythrogaster neglecta</i>	Copperbelly Water Snake	S / SOMC	G5T3 / S3	1	0	0	0	0
Christian	Breeding Birds	<i>Ammodramus henslowii</i>	Henslow's Sparrow	S / SOMC	G4 / S3B	3	0	0	0	0
Christian	Breeding Birds	<i>Anas clypeata</i>	Northern Shoveler	E /	G5 / S1	1	0	0	0	0
Christian	Breeding Birds	<i>Anas discors</i>	Blue-winged Teal	T /	G5 / S1S2B	2	0	0	0	0
Christian	Breeding Birds	<i>Chondestes grammacus</i>	Lark Sparrow	T /	G5 / S2S3B	1	0	0	0	0
Christian	Breeding Birds	<i>Nyctanassa violacea</i>	Yellow-crowned Night-heron	T /	G5 / S2B	1	0	0	0	0
Christian	Breeding Birds	<i>Podilymbus podiceps</i>	Pied-billed Grebe	E /	G5 / S1B,S4N	1	0	0	0	0
Christian	Breeding Birds	<i>Thryomanes bewickii</i>	Bewick's Wren	S / SOMC	G5 / S3B	1	0	0	0	0
Christian	Breeding Birds	<i>Tyto alba</i>	Barn Owl	S /	G5 / S3	1	0	0	0	0
Christian	Breeding Birds	<i>Vireo bellii</i>	Bell's Vireo	S / SOMC	G5 / S2S3B	1	0	0	0	0
Christian	Mammals	<i>Myotis austroriparius</i>	Southeastern Myotis	E / SOMC	G3G4 / S1S2	2	1	0	0	0
Christian	Mammals	<i>Myotis grisescens</i>	Gray Myotis	T / LE	G3 / S2	2	1	0	0	0
Christian	Mammals	<i>Myotis sodalis</i>	Indiana Bat	E / LE	G2 / S1S2	2	0	0	0	0
Christian	Mammals	<i>Nycticeius humeralis</i>	Evening Bat	S /	G5 / S3	1	0	0	0	0
Christian	Communities	<i>Limestone barrens (open woodland)</i>		/	GNR / S2	1	0	0	0	0

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Christian	Communities	<i>Limestone/dolomite prairie</i>		/	GNR / S1	1	0	0	0	0
Christian	Communities	<i>Sandstone barrens (open woodland)</i>		/	GNR / S1	1	0	0	0	0
Christian	Communities	<i>Shawnee Hills sandstone glade</i>		/	GNR / S1	1	0	0	0	0
Christian	Communities	<i>Tallgrass prairie</i>		/	GNR / S1	1	0	0	0	0
Christian	Communities	<i>Wet flatwoods</i>		/	GNR / S3S4	1	0	0	0	0
<b>Christian County Total:</b>						<b>78</b>	<b>16</b>	<b>8</b>	<b>5</b>	<b>0</b>